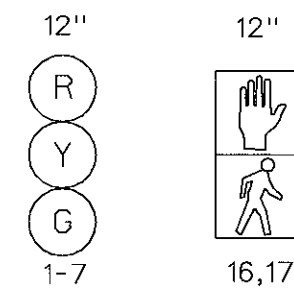
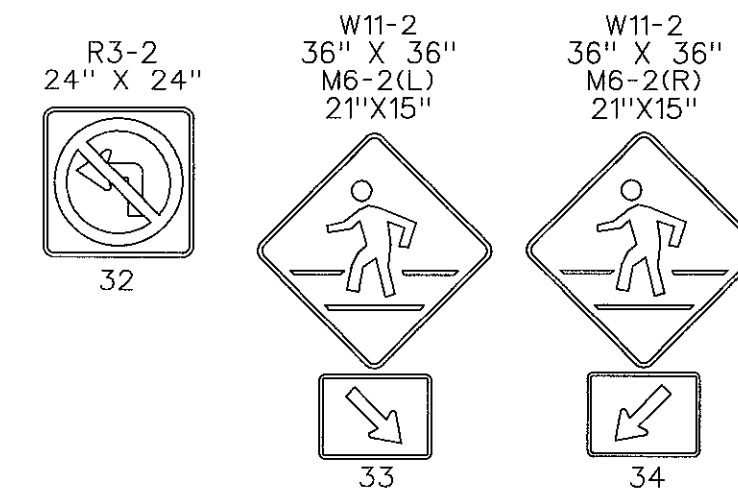


MD 459 IS ASSUMED TO RUN
IN A NORTH/SOUTH DIRECTION

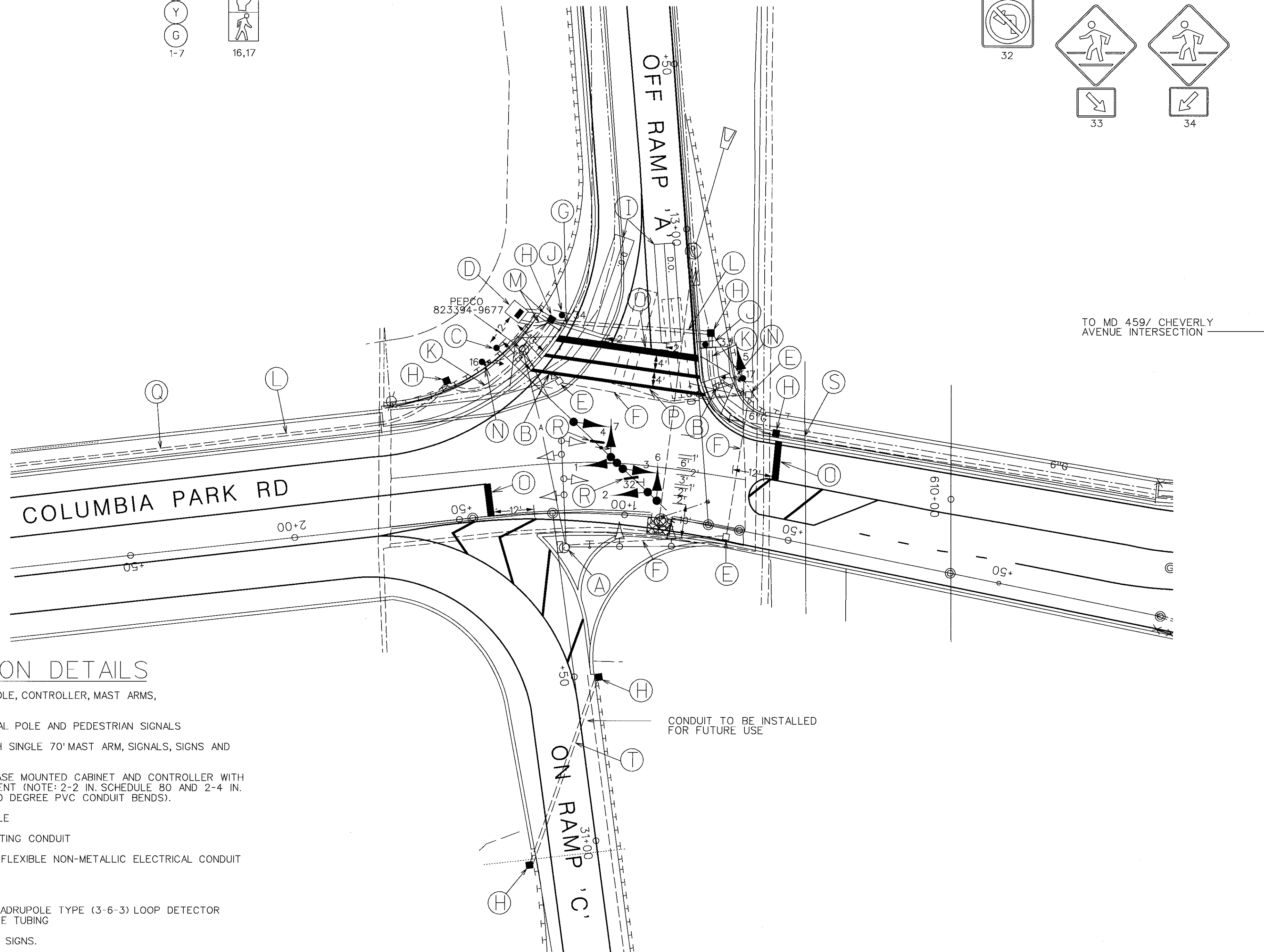
PROPOSED SIGNALS



PROPOSED SIGNS



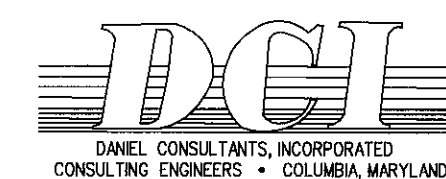
NOTE: SEE PREVIOUS SIGNAL PLAN SHEET FOR
GENERAL NOTE AND NEMA PHASING.



CONSTRUCTION DETAILS

- REMOVE EXISTING STEEL POLE, CONTROLLER, MAST ARMS, SIGN AND SIGNALS
- REMOVE EXISTING PEDESTAL POLE AND PEDESTRIAN SIGNALS
- INSTALL 27 FT. POLE WITH SINGLE 70' MAST ARM, SIGNALS, SIGNS AND OPTICOM DETECTOR EYE.
- INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 2-2 IN. SCHEDULE 80 AND 2-4 IN. SCHEDULE 80 CONDUIT, 90 DEGREE PVC CONDUIT BENDS).
- REMOVE EXISTING HANDHOLE
- CAP AND ABANDONED EXISTING CONDUIT
- INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR SLEEVE)
- INSTALL HANDHOLE
- INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING
- INSTALL GROUND MOUNTED SIGNS.
- INSTALL 2 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT-TRENCHED
- INSTALL 2 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT-SLOTTED
- INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT-TRENCHED
- INSTALL 14 FT. PEDESTAL POLE, TRAFFIC SIGNAL, PEDESTRIAN SIGNAL, PUSHBUTTON AND R10-3C SIGN. (NOTE: ONE 2 IN. PVC SCHEDULE 80 CONDUIT BENDS AND FOUR (4) 1 IN. X 4 IN. ANCHOR BOLTS)
- INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE).
- INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING TAPE (CROSSWALK).
- SIGNAL SHALL BE INTERCONNECTED WITH SIGNAL AT 64TH AVENUE, THROUGH SIGNAL AT CHEVERLY METRO, APPROX. 1600 FT. SOUTH, USING 12 PAIR-JELLY FILLED COMMUNICATION CABLE.
- FURNISH AND INSTALL AUTOSCOPE 2004LE CAMERA WITH ADPRO TRANSMISSION DEVICE.
- FOR CONDUIT DETAILS ALONG THE BRIDGE, REFER TO BRIDGE PLANS.
- INSTALL 3 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT-TRENCHED.

UTILITY LEGEND		
T	TELEPHONE CABLES	
G	GAS MAIN	
W	WATER MAIN	
S	SEWER MAIN	
E	ELECTRIC CABLES	
A	AERIAL CABLES	
BC	BURIED CABLE	
SD	STORM DRAIN	
GEOMETRIC LEGEND		
---	EXISTING GEOMETRICS	
---	PROPOSED GEOMETRICS	



REVISIONS		APPROVALS	
		ORIGINALS	
		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
		ON	
		ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		FILE	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, TRAFFIC & SAFETY	
(A) RECONSTRUCT TRAFFIC SIGNAL W/ GEO. IMPROVEMENTS SHA #P0865170		11/99	
SRM		DCI	



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 459 AT US 50 INTERCHANGE
SIGNAL PLAN

DRAWN BY: M. SCHNEIDER	F.A.P. NO. PG1865170	SEE TITLE SHEET	TS NO. 2091	SHEET NO. 179 OF 217
CHECKED BY: BRUCE THOMPSON	S.H.A. NO.	COUNTY: PRINCE GEORGES	T.I.M.S. NO.	
SCALE: 1"=20'	DATE: 6/25/85	LOG MILE:		